

INTERNATIONAL SEARCH REPORT

Int 1al Application No

PCT/E 3/02397

02 SEP 2004

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08J7/16 H01M8/10 C08J5/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08J H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 893 165 A (HUELS CHEMISCHE WERKE AG) 27 January 1999 (1999-01-27) page 4, line 56 page 8, line 38 page 9, line 1-7,37; tables 3,,V7 claim 20	1-15
A	US 6 096 369 A (JACOBASCH ROBERT HANS-JOERG ET AL) 1 August 2000 (2000-08-01) column 1, line 39 claim 10	1-15
A	US 4 187 333 A (KLEIN ELIAS ET AL) 5 February 1980 (1980-02-05) claim 1 column 4, line 55	1-15
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

21 May 2003

Date of mailing of the international search report

28/05/2003

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Intel Application No
PCT/JP03/02397

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 54351 A (NAKAO SHINICHI ;YAMAGUCHI TAKEO (JP); CENTER FOR ADVANCED SCIENCE) 14 September 2000 (2000-09-14) & EP 1 202 365 claim 1	1-15
A	PATENT ABSTRACTS OF JAPAN vol. 002, no. 131 (C-026), 31 October 1978 (1978-10-31) & JP 53 097988 A (TOYO SODA MFG CO LTD), 26 August 1978 (1978-08-26) & WPI 1978-69915 abstract	1-15

INTERNATIONAL SEARCH REPORT

 Inter()nal Application No
 PCT/ 3/02397

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0893165	A	27-01-1999	DE	19809042 A1	07-01-1999
			CA	2241504 A1	28-12-1998
			EP	0893165 A2	27-01-1999
			JP	11099362 A	13-04-1999
			NO	983014 A	29-12-1998
			US	6368587 B1	09-04-2002
US 6096369	A	01-08-2000	DE	19727554 A1	07-01-1999
			CA	2242090 A1	28-12-1998
			DE	59807434 D1	17-04-2003
			EP	0887369 A2	30-12-1998
			JP	11080393 A	26-03-1999
			NO	983013 A	29-12-1998
US 4187333	A	05-02-1980	US	3944485 A	16-03-1976
			US	4045352 A	30-08-1977
WO 0054351	A	14-09-2000	AU	2831000 A	28-09-2000
			EP	1202365 A1	02-05-2002
			WO	0054351 A1	14-09-2000
JP 53097988	A	26-08-1978	NONE		